



Form PTO 1449 U.S. Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-TB 3997	SERIAL NO. 09/747,174
	APPLICANT: Sem and Hansen	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: December 22, 2000	GROUP: 1646

#### U. S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>MM</i>	5,579,250	11/26/96	Balaji et al.			
<i>MM</i>	5,705,335	01/06/98	Hendry			
<i>MM</i>	5,888,738	03/30/99	Hendry			

RECEIVED

MAY 23 2001

TECH CENTER 1800/2900

#### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
<i>MM</i>	WO 96/30849	1996				

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>MM</i>	Bladon, "A Rapid Method for Comparing and Matching the Spherical Parameter Surfaces of Molecules and Other Irregular Objects," <u>J. Mol. Graph.</u> , 7:130-137 (1989).
<i>MM</i>	Böhm, "Towards the Automatic Design of Synthetically Accessible Protein Ligands: Peptides, Amides and Peptidomimetics," <u>J. Comput. Aided Mol. Des.</u> , 10:265-272 (1996).

EXAMINER <i>MM</i>	DATE CONSIDERED <i>01/03</i>
-----------------------	---------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.




RECEIVED

MAY 23 2001

TECH CENTER 1600/2900

Form PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-TB 3997	SERIAL NO. 09/747,174
	APPLICANT: Sem and Hansen	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: December 22, 2000	GROUP: 1646

mm		Brenner et al., "Understanding Protein Structure: Using Scop for Fold Interpretation," <u>Meth. Enzymol.</u> , 266:635-643 (1996).
		Chau and Dean, "Molecular Recognition: 3D Surface Structure Comparison by Gnomonic Projection," <u>J. Mol. Graph.</u> , 5(2):97-100 (1987).
		Clore and Gronenborn, "Theory and Applications of the Transferred Nuclear Overhauser Effect to the Study of the Conformations of Small Ligands Bound to Proteins," <u>J. Magn. Reson.</u> , 48:402-417 (1982).
		Dean and Callow, "Molecular Recognition: Identification of Local Minima for Matching in Rotational 3-Space by Cluster Analysis," <u>J. Mol. Graph.</u> , 5(3):159-164 (1987).
		Dean et al., "Molecular Recognition: Blind-Searching for Regions of Strong Structural Match on the Surfaces of Two Dissimilar Molecules," <u>J. Mol. Graph.</u> , 6:28-34 (1988).
		Dean and Chau, "Molecular Recognition: Optimized Searching Through Rotational 3-Space for Pattern Matches on Molecular Surfaces," <u>J. Mol. Graph.</u> , 5(3):152-158 (1987).
		Everse et al., <u>The Pyridene Nucleotide Coenzymes</u> , Academic Press, Chapters 3-5, pp. 51-180 (1982).
		Hadley and Jones, "A Systematic Comparison of Protein Structure Classifications: SCOP, CATH and FSSP," <u>Structure</u> , 7:1099-1112 (1999).
mm		Hubbard et al., "SCOP, Structural Classification of Proteins Database: Applications to Evaluation of the Effectiveness of Sequence Alignment Methods and Statistics of Protein Structural Data," <u>Acta. Cryst.</u> , D54:1147-1154 (1998).

EXAMINER 	DATE CONSIDERED 01/03
---	--------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.




RECEIVED

MAY 23 2001

TECH CENTER 1600/2000

Form PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-TB 3997	SERIAL NO. 09/747,174
	APPLICANT: Sem and Hansen	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: December 22, 2000	GROUP: 1646

mm		Kaufman and Rousseeuw, <u>Finding Groups in Data: An Introduction to Cluster Analysis</u> , Wiley-Interscience, 37-51 (1990).
		Koradi et al., "MOLMOL: A Program for Display and Analysis of Macromolecular Structures," <u>J. Mol. Graph.</u> , 14:51-55 (1996).
		Kuntz et al., "A Geometric Approach to Macromolecule-Ligand Interactions," <u>J. Mol. Biol.</u> , 161:269-288 (1982).
		Kutzenko et al., "Conserved Supersecondary Structural Motif in NAD-Dependent Dehydrogenases," <u>FEBS Lett.</u> , 423:105-109 (1998).
		Marino et al., "J-Coupling Restraints in RNA Structure Determination," <u>Acc. Chem. Res.</u> , 32:614-623 (1999).
		Martin, "3D Database Searching in Drug Design," <u>J. Med. Chem.</u> , 35(12):2145-2154 (1992).
		Murzin et al., "SCOP: A Structural Classification of Proteins Database for the Investigation of Sequences and Structures," <u>J. Mol. Biol.</u> , 247:536-540 (1995).
		Sayle and Milner-White, "RASMOL: Biomolecular Graphics for All," <u>Trends Biochem. Sci.</u> , 20:374-376 (1995).
mm		Sem and Kasper, "Geometric Relationship Between the Nicotinamide and Isoalloxazine Rings in NADPH-Cytochrome P-450 Oxidoreductase: Implications for the Classification of Evolutionarily and Functionally Related Flavoproteins," <u>Biochemistry</u> , 31(13):3391-3398 (1992).

EXAMINER 	DATE CONSIDERED 01/03
---	--------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED


MAR 3 2001

TECH CENTER 1600/2900



Form PTO 1449 Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-TB 3997	SERIAL NO. 09/747,174
	APPLICANT: Sem and Hansen	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: December 22, 2000	GROUP: 1646

ms		Taylor and Smith, "The World Wide Web as a Graphical User Interface to Program Macros for Molecular Graphics, Molecular Modeling, and Structure-Based Drug Design," <u>J. Mol. Graph.</u> , 14:291-296 (1996).
		Van Drie et al., "ALADDIN: An Integrated Tool for Computer-Assisted Molecular Design and Pharmacophore Recognition from Geometric, Steric, and Substructure Searching of Three-Dimensional Molecular Structures," <u>J. Comput.-Aided Mol. Des.</u> , 3:225-251 (1989).
ms		Yang and Honig, "An Integrated Approach to the Analysis and Modeling of Protein Sequences and Structures. III. A Comparative Study of Sequence Conservation in Protein Structural Families Using Multiple Structural Alignments," <u>J. Mol. Biol.</u> , 301:691-711 (2000).

EXAMINER 	DATE CONSIDERED 01/03
---	--------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.